

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 A61K31/44 C07D213/30 C07D213/32 C07D213/38 A61P1/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/062323 A (NOVARTIS AG; NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H; GASPA) 15 August 2002 (2002-08-15) claims 1,2	1-13
A	WO 01/56990 A (ELI LILLY AND COMPANY; COLEMAN, DARRELL, STEPHEN; JAGDMANN, GUNNAR, ER) 9 August 2001 (2001-08-09) claims 1,19	1-13
A	WO 01/16121 A (MERCK & CO., INC; COSFORD, NICHOLAS, D., P; MCDONALD, IAN, A; BLEICHER) 8 March 2001 (2001-03-08) claims 1,61	1-13
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

10 February 2005

Date of mailing of the international search report

18/02/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/02497 A (NOVARTIS AG; NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH; SIBIA N) 21 January 1999 (1999-01-21) claims 3,4 -----	1-13

**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 12, 13  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 12 and 13 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

PCT/US2004/034519

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02062323	A	15-08-2002	BR 0206917 A CA 2433409 A1 WO 02062323 A2 EP 1359905 A2 JP 2004517947 T US 2004106582 A1	03-02-2004 15-08-2002 15-08-2002 12-11-2003 17-06-2004 03-06-2004
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WO 0116121	A	08-03-2001	AU 6948200 A CA 2383524 A1 EP 1214303 A1 JP 2003508390 T WO 0116121 A1 US 2003055247 A1	26-03-2001 08-03-2001 19-06-2002 04-03-2003 08-03-2001 20-03-2003
WO 9902497	A	21-01-1999	AU 738973 B2 AU 8974398 A BR 9811685 A CA 2295678 A1 CN 1262676 T WO 9902497 A2 EP 0998459 A2 HU 0004225 A2 ID 23889 A JP 3481208 B2 JP 2001509504 T NO 20000124 A NZ 502210 A PL 343865 A1 RU 2203889 C2 SK 232000 A3 TR 200000059 T2 TW 544448 B US 6656957 B1 ZA 9806137 A	04-10-2001 08-02-1999 19-09-2000 21-01-1999 09-08-2000 21-01-1999 10-05-2000 28-05-2001 25-05-2000 22-12-2003 24-07-2001 02-03-2000 26-07-2002 10-09-2001 10-05-2003 12-06-2000 21-06-2000 01-08-2003 02-12-2003 22-01-1999